

WHAT IS CLAIMED IS:

1. An image commercial transactions system comprising:

a reception dealer for accepting a transfer of an image recorded on a recording medium in a predetermined format with a handling condition intrinsic to said image, and transferring said image with said handling condition in a digital data format; and

a charge accounting dealer for effecting an electronic charge accounting transaction for the transfer by said reception dealer of data of said image with said handling condition.

2. The image commercial transactions system according to claim 1 wherein said reception dealer transfers the data of said image subjected to a scrambling process or a masking process.

3. The image commercial transactions system according to claim 2 wherein said reception dealer subjects the data of said image to the scrambling process/enciphering, and transfers the key data of the scrambling process/enciphering.

4. The image commercial transactions system according to claim 1 wherein said reception dealer transfers said image with said handling condition and an advertisement, in a digital data format.

5. The image commercial transactions system according to claim 1 wherein said reception dealer transfers data of said advertisement

synthesized with the data of said image with said handling condition.

6. An image commercial transactions method comprising:

a reception step of enabling a reception dealer to accept the transfer of an image recorded on a recording medium in a predetermined format with the handling condition intrinsic to said image;

a transfer step of enabling said reception dealer to transfer said image with said handling condition in a digital data format; and

a charge accounting step of enabling a charge accounting dealer to effect an electronic charge accounting transaction for the transfer of the data of said image with said handling condition.

7. The image commercial transactions method according to claim 6 wherein in said transfer step said reception dealer transfers the data of said image subjected to a scrambling process or a masking process.

8. The image commercial transactions method according to claim 6 wherein in said transfer step said reception dealer subjects the data of said image to the scrambling process/enciphering, and transfers the key data of the scrambling process/enciphering.

9. The image commercial transactions method according to claim 6 wherein said transfer step comprises enabling said reception dealer to generate the predetermined additional information for the data of said image, and transfer said generated additional information in digital data format, along with the data of said image with said handling condition.

10. The image commercial transactions method according to claim 6 wherein said reception dealer transfers said image with said handling condition and an advertisement, in a digital data format.

11. The image commercial transactions method according to claim 6 wherein said reception dealer transfers data of said advertisement synthesized with the data of said image with said handling condition.

12. An image transfer system comprising:

a reception dealer for accepting a transfer of an image recorded on a recording medium in a predetermined format with a handling condition intrinsic to said image, and transferring said image with said handling condition, in a digital data format; and

a charge accounting dealer for effecting an electronic charge accounting transaction for the transfer by said reception dealer of data of said image with said handling condition.

13. The image transfer system according to claim 12 wherein said reception dealer transfers the data of said image subjected to a scrambling process or a masking process.

14. The image transfer system according to claim 12 wherein said reception dealer subjects the data of said image to said scrambling process, and transfers predetermined key data used for said masking process.

15. The image transfer system according to claim 12 wherein said reception dealer generates the predetermined additional information for the data of said image, and transfers said generated additional information in a digital data format, along with the data of said image with said handling condition.

16. The image transfer system according to claim 12 wherein said reception dealer transfers said image with said handling condition and an advertisement, in a digital data format.

17. The image transfer system according to claim 12 wherein said reception dealer transfers data of said advertisement synthesized with the data of said image with said handling condition.

18. An image transfer method comprising:

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a reception step of enabling a reception dealer to accept the transfer of an image recorded on a recording medium in a predetermined format with the handling condition intrinsic to said image; and

a transfer step of enabling said reception dealer to transfer said image with said handling condition in a digital data format.

19. The image transfer method according to claim 18 wherein in said transfer step said reception dealer transfers the data of said image subjected to a scrambling process or a masking process.

20. The image transfer method according to claim 18 wherein in said transfer step said reception dealer subjects the data of said image to the scrambling process, and transfers predetermined key data used for said scrambling process.

21. The image transfer method according to claim 18 wherein said transfer step comprises enabling said reception dealer to generate the predetermined additional information for the data of said image, and transfer said generated additional information in a digital data format, along with the data of said image with said handling condition.

22. The image transfer method according to claim 18 wherein said

reception dealer transfers said image with said handling condition and an advertisement, in a digital data format.

23. The image transfer method according to claim 18 wherein said reception dealer transfers data of said advertisement synthesized with the data of said image with said handling condition.

24. An image commercial transactions system comprising:

a reception dealer for generating and sending predetermined image data to be distributed;

a distribution dealer for detecting, from among a plurality of channels for broadcasting predetermined data toward a satellite, a channel having a surplus generated in the previously assigned data transfer rate per unit time, and for distributing said image data to be distributed sent from said reception dealer, which is assigned to said detected surplus of said detected channel; and

a charge accounting dealer for effecting an electronic charge accounting transaction for the distribution of said image data to be distributed.

25. The image commercial transactions system according to claim 24 wherein said distribution dealer, based upon a broadcasting plan for a plurality of channels, detects said channel having a surplus generated in said data transfer rate.

26. The image commercial transactions system according to claim 25 wherein said distribution dealer detects said channel having a surplus generated in said data transfer rate according to the weather.

27. The image commercial transactions system according to claim 24 wherein a reception dealer accepts a distribution of an image with a handling condition intrinsic to said image recorded on a predetermined recording medium in a predetermined format, and generates said image data to be distributed from image data based on said image and intrinsic control data based on said handling condition.

28. The image commercial transactions system according to claim 27 wherein said recording medium is a photographic film; and said reception dealer generates said image data by optically scanning the photographic image on said photographic film and generates said intrinsic control data based on said handling condition recorded on said photographic film.

29. An image commercial transactions method comprising:

a sending step of enabling a reception dealer to generate and send predetermined image data to be distributed;

a distributing step of enabling a distribution dealer

to detect, from among a plurality of channels for broadcasting predetermined data toward a satellite, a channel having a surplus generated in the previously assigned data transfer rate per unit time, and to distribute said image data to be distributed sent from said reception dealer, which is assigned to said detected surplus of said detected channel; and

a charge accounting step of enabling a charge accounting dealer to effect an electronic charge accounting transaction for the distribution of said image data to be distributed.

30. The image commercial transactions method according to claim 29 wherein in said distributing step said distribution dealer, based upon a broadcasting plan for a plurality of channels, detects said channel having a surplus generated in said data transfer rate.

31. The image commercial transactions method according to claim 30 wherein in said distributing step said distribution dealer detects said channel having a surplus generated in said data transfer rate according to the weather.

32. The image commercial transactions method according to claim 29 wherein in said sending step a reception dealer accepts a distribution of an image with a handling condition intrinsic to said image recorded on a predetermined recording medium in a

predetermined format, and generates said image data to be distributed from image data based on said image and intrinsic control data based on said handling condition.

33. The image commercial transactions method according to claim 32 wherein in said sending step said reception dealer generates said image data by optically scanning the photographic image on said recording medium being a photographic film and generates said intrinsic control data based on said handling condition recorded on said photographic film.

34. An image distribution system comprising:

a reception dealer for generating and sending predetermined image data to be distributed; and

a distribution dealer for detecting, from among a plurality of channels for broadcasting predetermined data toward a satellite, a channel having a surplus generated in the previously assigned data transfer rate per unit time, and for distributing said image data to be distributed sent from said reception dealer, which is assigned to said detected surplus of said detected channel.

35. The image distribution system according to claim 34 wherein said distribution dealer, based upon a broadcasting plan for a plurality of channels, detects said channel having a surplus generated in said data transfer rate.

36. The image distribution system according to claim 35 wherein said distribution dealer detects said channel having a surplus generated in said data transfer rate according to the weather.

37. The image distribution system according to claim 34 wherein a reception dealer accepts a distribution of an image with a handling condition intrinsic to said image recorded on a predetermined recording medium in a predetermined format, and generates said image data to be distributed from image data based on said image and intrinsic control data based on said handling condition.

38. The image transfer system according to claim 37 wherein said recording medium is a photographic film; and said reception dealer generates said image data by optically scanning the photographic image on said photographic film and generates said intrinsic control data based on said handling condition recorded on said photographic film.

39. An image distribution method comprising:

- a sending step of enabling a reception dealer to generate and send predetermined image data to be distributed; and
- a distributing step of enabling a distribution dealer

to detect, from among a plurality of channels for broadcasting predetermined data toward a satellite, a channel having a surplus generated in the previously assigned data transfer rate per unit time, and to distribute said image data to be distributed sent from said reception dealer, which is assigned to said detected surplus of said detected channel.

40. The image distribution method according to claim 39 wherein in said distributing step said distribution dealer, based upon a broadcasting plan for a plurality of channels, detects said channel having a surplus generated in said data transfer rate.

41. The image distribution method according to claim 39 wherein in said distributing step said distribution dealer detects said channel having a surplus generated in said data transfer rate according to the weather.

42. The image distribution method according to claim 39 wherein in said sending step a reception dealer accepts a distribution of an image with a handling condition intrinsic to said image recorded on a predetermined recording medium in a predetermined format, and generates said image data to be distributed from image data based on said image and intrinsic control data based on said handling condition.

43. The image distribution method according to claim 42 wherein in said sending step said reception dealer generates said image data by optically scanning the photographic image on said recording medium being a photographic film and generates said intrinsic control data based on said handling condition recorded on said photographic film.

44. An image commercial transactions system comprising:

a distribution device for generating distributing image data based upon an image recorded on a predetermined recording media in a predetermined format and further generating distribution control data for said image based upon a handling condition intrinsic to said image recorded on said recording medium with said image, and for integrating and distributing said distributing image data and distribution control data that are generated; and

a display device for, on the basis of said distributing image data and distribution control data that are distributed by said distribution device, displaying on a display screen said image based on said distributing image data and distribution control details based on said distribution control data being correlated with each other.

45. The image commercial transactions system according to claim 44 wherein said distribution control data is comprised of intrinsic control data generated when said image is recorded and

additional control data for adding a predetermined process to said image data.

46. The image commercial transactions system according to claim 45 wherein said display device displays said intrinsic control data and details of said additional control data that are optionally selected.

47. The image commercial transactions system according to claim 46 wherein said display device displays details of said intrinsic control data that are optionally selected.

48. The image commercial transactions system according to claim 47 wherein said display device displays details of said additional control data that are optionally selected.

49. The image commercial transactions system according to claim 48 wherein said display device switches and displays an angle of view of said image optionally selected.

50. The image commercial transactions system according to claim 49 wherein said display device displays a photographic image exposed on a photographic film as said image.

51. An image commercial transactions method comprising:

a data generating step of generating distributing image data based upon an image recorded on a predetermined recording media in a predetermined format and further generating distribution control data for said image based upon a handling condition intrinsic to said image recorded on said recording medium with said image;

a distributing step of integrating and distributing said distributing image data and distribution control data that are generated in said data generating step; and

a display step of, on the basis of said distributing image data and distribution control data that are distributed, displaying on a display screen said image based on said distributing image data and distribution control details based on said distribution control data being correlated with each other.

52. The image commercial transactions method according to claim 51 wherein in said data generating step said distribution control data is generated from intrinsic control data generated when said image is recorded and additional control data for adding a predetermined process to said image data.

53. The image commercial transactions method according to claim 52 wherein in said display step details of said intrinsic control data and details of said additional control data are optionally selected and displayed.

54. The image commercial transactions method according to claim 53 wherein in said display step details of said intrinsic control data are optionally selected and displayed.

55. The image commercial transactions method according to claim 54 wherein in said display step details of said additional control data are optionally selected and displayed.

56. The image commercial transactions method according to claim 55 wherein in said display step an angle of view of said image is optionally selected, switched and displayed.

57. The image commercial transactions method according to claim 56 wherein in said displaying a photographic image exposed on a photographic film as said image is displayed.

58. A display device comprising:

receiving means for receiving an integration of distributing image data and distribution control data that are sent after integrated from said distributing image data generated based on an image recorded on a predetermined recording medium in a predetermined format and said distribution control data generated based on a handling condition intrinsic to said image recorded on said recording medium with said image; and

display means for displaying on a display screen said image

based on said distributing image data and distribution control details based on said distribution control data being correlated with each other that are obtained from said receiving means.

59. The display device according to claim 58 wherein said distribution control data is comprised of intrinsic control data generated when said image is recorded and additional control data for adding a predetermined process to said image data; and said display means has details of said intrinsic control data and details of said additional control data optionally selected and displayed.

60. The display device according to claim 59 wherein said display device displays details of said additional control data that are optionally selected.

61. The display device according to claim 60 wherein said display device displays details of said additional control data that are optionally selected.

62. The display device according to claim 59 wherein said display device switches and displays an angle of view of said image optionally selected.

63. The display device according to claim 62 wherein said

display device displays a photographic image exposed on a photographic film as said image.

64. A display method comprising:

a reception step of receiving an integration of distributing image data and distribution control data that are sent being integrated from said distributing image data generated based on an image recorded on a predetermined recording medium in a predetermined format and said distribution control data generated based on a handling condition intrinsic to said image recorded on said recording medium with said image; and

a display step of displaying on a display screen said image based on said distributing image data and distribution control details based on said distribution control data being correlated with each other that are obtained in said reception step.

65. The display method according to claim 64 wherein in said reception step said distribution control data which is comprised of intrinsic control data generated when said image is recorded and additional control data for adding a predetermined process to said image data is received.

66. The display method according to claim 65 wherein in said display step details of said intrinsic control data and details of said additional control data are optionally selected and displayed.

67. The display method according to claim 66 wherein in said display step details of said intrinsic control data are optionally selected and displayed.

68. The display method according to claim 67 wherein in said display step details of said additional control data are optionally selected and displayed.

69. The display method according to claim 68 wherein in said display step an angle of view of said image is optionally selected, switched and displayed.

70. The display method according to claim 69 wherein in said display step a photographic image exposed on a photographic film as said image is displayed.